

1400 East Tremont St.  
P. O. Box 130  
Hillsboro, IL 62049  
Telephone 217-532-3959  
Facsimile 217-532-3212  
E-Mail [hillsboro@hurst-rosche.com](mailto:hillsboro@hurst-rosche.com)  
Web Page — [www.hurst-rosche.com](http://www.hurst-rosche.com)

T. E. Connor, President  
T. G. Baker, Sr. Vice President  
J. W. Roth, Sr. Vice President  
D. H. Kimmle, Treasurer

East St. Louis, Illinois  
Marion, Illinois  
Springfield, Illinois

July 30, 2003

SUBJECT: WTP Preliminary Design  
City of Hillsboro  
Hillsboro, Montgomery County, Illinois

re: HR: 210205-2



USEPA – Region 5  
Attn.: Dion Novak  
77 West Jackson  
Mail Code SR-6J  
Chicago, IL 60604

Dear Mr. Novak:

On behalf of the City of Hillsboro, we are requesting a letter from your office verifying that no further remediation measures are required for the 10-acre tract of land located at the northwest corner of the Eagle Zinc Property. The City intends to obtain the 10-acre tract from the Eagle Zinc Parties for the construction of a new water treatment plant. However, before executing the legal paperwork, they need to obtain USEPA's approval for the transfer of this property. We have enclosed a copy of the property description and plat for the subject 10-acre tract; an aerial photo showing the proposed improvements at the 10-acre tract; and a topographic survey of the entire Eagle Zinc Property with the 10-acre tract highlighted for reference.

We are currently in the preliminary design phase for the new water treatment plant, and construction is not expected to begin for another two to three years. However, in order for the City to obtain funding for the subject project, they have to provide documentation of ownership of the proposed water treatment plant site. Therefore, ownership of the 10-acre tract needs to be documented before the Illinois Department of Commerce and Economic Opportunity's (DCEO) October 2003 application deadline.

Please review the enclosed documents and notify our office if any additional information is required for the issuance of the approval letter from USEPA. If you have any questions or require additional information, please let us know.

Sincerely,

HURST-ROSCHÉ ENGINEERS, INC.



Scott L. Hunt, P.E.

SLH:rab  
Enclosures

cc w/ enclosures: City of Hillsboro  
Mayor William M. Baran

USEPA – Region 5  
Tom Kruger, Attorney

IEPA  
Rick Lanham

Environ International Corporation  
Ross Jones

## LEGAL DESCRIPTION

### 10.00 ACRE TRACT

A tract of land in the Southeast Quarter of Section 1, Township 8 North, Range 4 West of the Third Principal Meridian, Montgomery County, Illinois, more particularly described as follows:

Commencing at the northeast corner of said Southeast Quarter; thence North 89 degrees 59 minutes 48 seconds West on the north line of said Southeast Quarter, a distance of 1132.24 feet to the Point of Beginning.

From the said Point of Beginning; thence South 0 degrees 36 minutes 50 seconds West, 530.00 feet; thence North 89 degrees 59 minutes 48 seconds West, 822.00 feet to the west line of property described in a deed recorded in Deed Book 321, Page 463 of the Montgomery County Recorder's Office; thence North 0 degrees 36 minutes 50 seconds East on the west line of said property, a distance of 530.00 feet to the north line of the Southeast Quarter of Section 1; thence South 89 degrees 59 minutes 48 seconds East on the said north line of the Southeast Quarter, a distance of 822.00 feet to the Point of Beginning.

The above described tract contains 10.00 acres, more or less.

Proposed water treatment site

MLK

July 16, 2003

BEARINGS ARE BASED ON A PLAT OF SURVEY FOR THE CITY OF HILLSBORO  
BY HURST ROSCHE ENGINEERS, INC., DATED JUNE 11, 2002.

THIS SURVEY IS PART OF TWO TRACTS OF LAND DESCRIBED IN A DEED  
RECORDED IN DEED BOOK 321, PAGE 463 IN THE MONTGOMERY COUNTY  
RECORDER'S OFFICE. HURST-ROSCHÉ ENGINEERS, AS SHOWN BY PLAT  
ENTITLED "EAGLE PICHER COMPANY", DATED OCTOBER 31, 1979, SURVEYED  
THE SAME TWO TRACTS.

IT IS NOT WARRANTED THAT EXISTING EASEMENTS ARE SHOWN.

DIMENSIONS ARE COMPUTED UNLESS OTHERWISE SHOWN.

DOCUMENT REFERENCES ARE FROM THE MONTGOMERY COUNTY  
RECORDER'S OFFICE.

FIELD WORK WAS COMPLETED DURING THE MONTH OF JULY 2003.

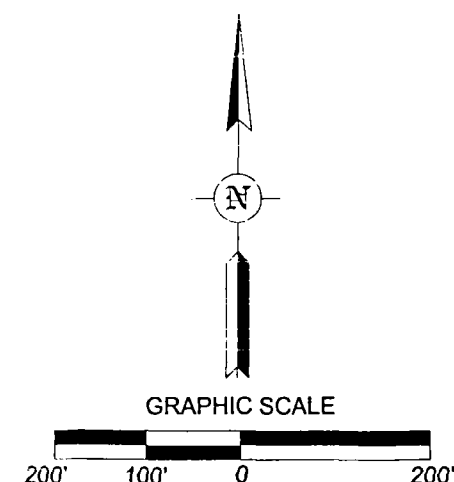
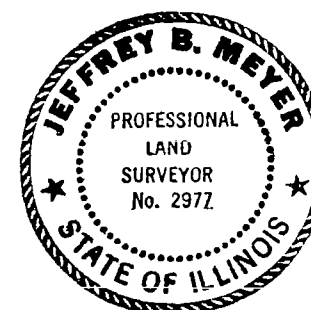
**THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.**

PART OF THE S.E.1/4 SECTION 1, T.8.N.-R.4.W. OF 3RD. P.M.

MONTGOMERY COUNTY, ILLINOIS



- |           |                        |
|-----------|------------------------|
| — — —     | SECTION LINE           |
| =====     | PROPOSED TRACT LINE    |
| - - - - - | RIGHT OF WAY           |
| ●         | IRON PIN SET           |
| ○         | IRON PIN OR PIPE FOUND |
| (R)       | RECORDED DIMENSION     |
| (C)       | CALCULATED DIMENSION   |



### LEGAL DESCRIPTION

## 10.00 ACRE TRACT


A tract of land in the Southeast Quarter of Section 1,  
Township 8 North, Range 4 West of the Third  
Principal Meridian, Montgomery County, Illinois, more  
particularly described as follows:

Commencing at the northeast corner of said Southeast Quarter; thence North 89 degrees 59 minutes 48 seconds West on the north line of said Southeast Quarter, a distance of 1132.24 feet to the Point of Beginning.

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The above described tract contains 10.00 acres, more or less.

I, JEFFREY B. MEYER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR AND BEING AN EMPLOYEE OF HURST-ROSCHÉ ENGINEERS, INC., DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION AND THAT THE INFORMATION SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. DATED THIS 16TH DAY OF JULY, 2003.

DATED THIS 16TH DAY OF JULY, 2003.  
  
 JEFFREY B. MEYER - ILLINOIS PROFESSIONAL LAND  
 SURVEYOR NO. 035-002977  
 LICENSE EXPIRES NOVEMBER 30, 2004.

HR

**HURST-ROSCH  
ENGINEERS INC.**

PROFESSIONAL DESIGN NUMBER: 184-8000

1400 EAST TREMONT ST.  
HILLSBORO, IL 62049  
PH: 217.532.3959  
F: 217.532.3212

MARION, IL  
EAST ST. LOUIS, IL  
SPRINGFIELD, IL

CITY OF HILLSBORO PROPERTY  
PART OF THE SOUTHEAST QUARTER OF SECTION 1,  
TOWNSHIP 8 NORTH, RANGE 4 WEST OF THE  
THIRD P.M. MONTGOMERY COUNTY, ILLINOIS

MARK	DATE	DESCRIPTION
	JULY 2003	

PROJECT NO: 210205-2

DESIGN: J.B.M.	DRAWN: M.L.K.	CHECK: J.B.M.
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210205-2-HBORO WTP  
DRAWINGS\10AC\_PLAT.DWG





DATE OF PHOTOGRAPHY  
DECEMBER 28, 2001



# EAGLE ZINC PROPERTY

PREPARED BY:

**HR**  
HURST-ROSCH  
ENGINEERS INC.  
JULY 2002

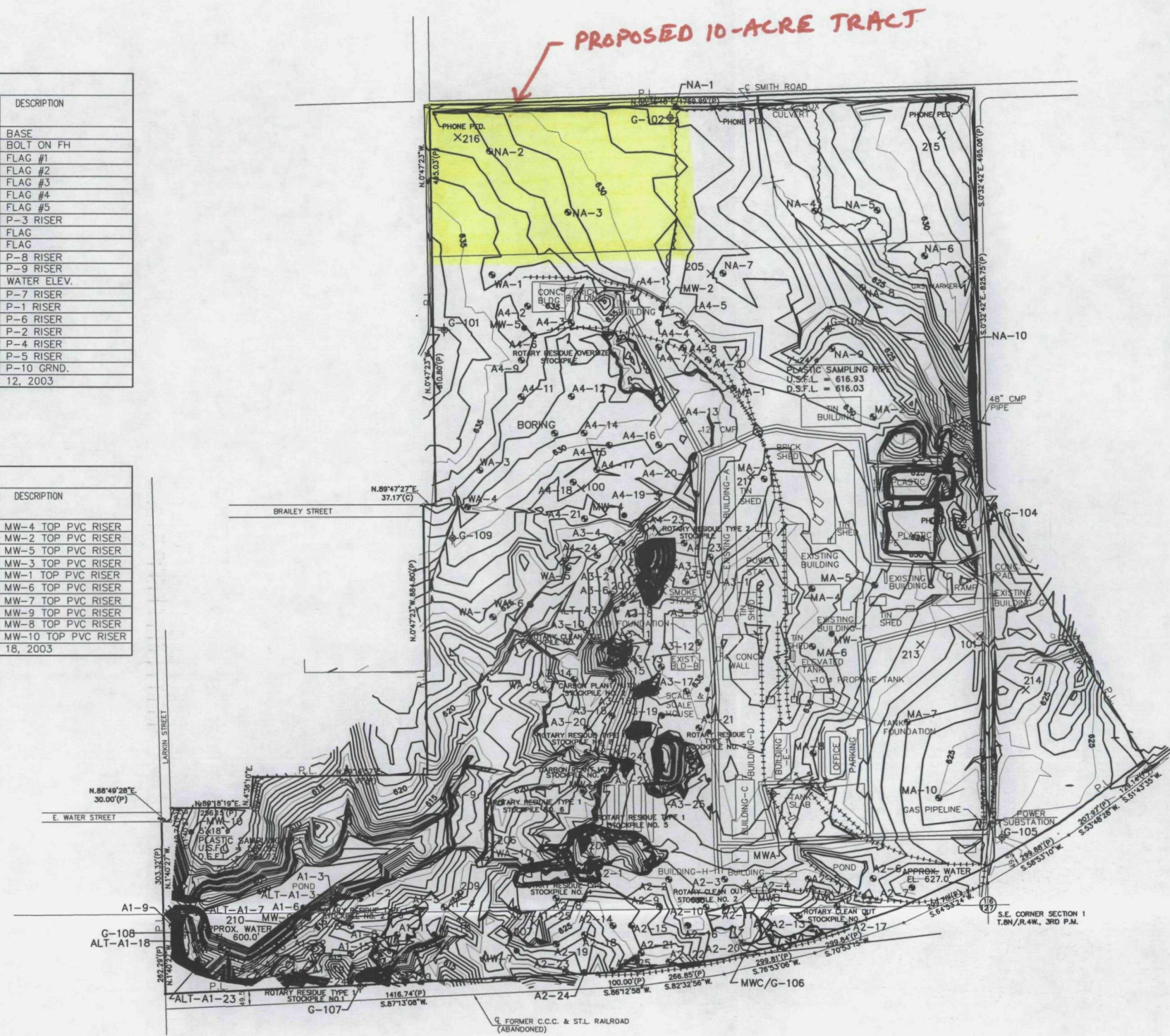


PIEZOMETERS & MISCELLANEOUS				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	909592.26	695247.30	628.11	BASE
101	909099.62	695526.48	630.68	BOLT ON FH
200	909255.07	695508.15	633.18	FLAG #1
201	909278.94	695514.25	632.65	FLAG #2
202	909298.33	695526.49	632.16	FLAG #3
203	909345.79	695543.00	632.20	FLAG #4
204	909447.11	695496.71	627.79	FLAG #5
205	910294.63	695668.46	631.01	P-3 RISER
206	908424.19	694959.77	620.80	FLAG
207	908166.04	695093.46	627.28	FLAG
208	908438.42	695255.29	628.10	P-8 RISER
209	908260.03	694859.46	621.95	P-9 RISER
210	908163.90	694291.20	600.55	WATER ELEV.
211	909634.55	695797.08	634.03	P-7 RISER
212	909769.47	696429.67	624.86	P-1 RISER
213	909073.39	696334.46	631.88	P-6 RISER
214	908922.35	696671.80	628.70	P-2 RISER
215	910737.09	696416.64	635.07	P-4 RISER
216	910741.97	694854.52	633.47	P-5 RISER
217	908367.28	694138.91	622.26	P-10 GRND.

ABOVE DATA WAS COLLECTED ON MARCH 12, 2003

MONITORING WELLS				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
220	909502.43	695384.86	630.42	MW-4 TOP PVC RISER
221	910179.63	695508.42	633.99	MW-2 TOP PVC RISER
222	910118.49	695067.48	637.97	MW-5 TOP PVC RISER
223	909213.90	695378.50	634.82	MW-3 TOP PVC RISER
224	909111.31	696050.95	632.50	MW-1 TOP PVC RISER
225	908645.67	695314.88	629.13	MW-6 TOP PVC RISER
226	908075.51	695038.92	626.69	MW-7 TOP PVC RISER
227	908186.26	694372.83	615.10	MW-9 TOP PVC RISER
228	908047.37	694020.01	614.60	MW-8 TOP PVC RISER
229	908466.61	693997.88	623.90	MW-10 TOP PVC RISER

ABOVE DATA WAS COLLECTED ON MARCH 18, 2003



MONITORING WELLS						
WELL NO.	NORTHING	EASTING	TOP OF CASING ELEV.	TOP OF PVC RISER ELEV.	GROUND ELEV.	H-R POINT NO.
G-101	910111.7831	694808.8399	639.28	638.91	636.12	1675
G-102	910800.6200	695538.9302	630.91	630.48	627.75	1672
G-103	910112.0217	696047.0933	631.80	631.34	628.70	1650
G-104	909435.6562	696494.1500	632.62	632.34	629.50	1668
G-105	908439.1984	696592.6987	628.30	627.97	625.18	1665
G-106/MCW	908209.9068	695855.793	629.93	629.63	626.92	1656
G-107	907962.2650	694538.8681	608.09	607.70	604.76	1681
G-108	908136.7097	693980.5627	620.25	619.88	616.74	1684
G-109	909430.7348	694835.5383	633.34	632.92	630.25	1678
MWA	908587.1439	695861.5175	636.61	636.33	633.60	1662
MWB	908284.2456	695780.9331	633.57	633.30	630.50	1653
MWD	908276.1318	695886.8263	632.11	631.83	628.95	1659

ABOVE DATA WAS COLLECTED ON DECEMBER 1, 1998

EAGLE ZINC SURVEY  
HILLSBORO, ILLINOIS  
SITE PLAN  
PREPARED FOR  
ENVIRON INTERNATIONAL CORP.  
PART OF SECTION 6, T.8N.-R.3W. AND  
PART OF SECTIONS 1 & 12, T.8N.-R.4W.  
OF THE 3RD. P.M.  
MONTGOMERY COUNTY, ILLINOIS

**HR**  
HURST-ROSCHKE  
ENGINEERS INC.

1400 E. TREMONT STREET  
P.O. BOX 150  
HILLSBORO, ILLINOIS 62049  
PH. 217 532-3959  
FAX 217 532-3212

REVISIONS	
REVISED BY	DATE
M.L.K.	12/17/98
M.L.K.	9/18/02
M.L.K.	3/24/03

DRAWN BY:	M.L.K.	JOB NO:	220171-2
CHECKED BY:	J.B.M.	DATE:	3-24-03
SHEET NO:	1	TOTAL SHEETS:	1